

Jandel Engineering Limited



Very close spacing probe (0.5mm spacing)

Jandel Engineering Limited manufactures the very close spacing probe (0.5mm spacing) for measurements made very close to the edge of samples or for measurement of very small samples. The image above shows a comparison between the 0.500mm spacing probe and a 'standard. 1.591mm spacing probe.

All Jandel probes are built to a high level of mechanical accuracy. Specifications for radii, spacing and planarity are verified by video inspection system and optical interferometer. Loads are verified by electronic force gauge. Each probe has upper and lower jeweled needle guides.

<i>Probe spacing</i>	0.500mm (needle to needle)
<i>Tolerance</i>	+/- 10 microns
<i>Arrangement</i>	Linear array only
<i>Needles</i>	Tungsten carbide 0.3mm diameter
<i>Needle option</i>	50% Osmium alloy tips are available
<i>Radii</i>	12.5, 25, 40, 100, 150, 200, 300, 500 microns
<i>Retraction to pad</i>	0.5 mm
<i>Planarity</i>	+/- 0.025mm or better
<i>Loads</i>	Fixed 100g
<i>Electrical leakage</i>	10 ¹³ ohms resistance between needles at 500 volts

Note: 0.5mm spacing is not available with every style of probe. Please contact us for availability for your application

If you require any further information on the very close spacing probe please do not hesitate to contact us using the details below

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